

98-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
|-------------------|--------------|-----------------------|----------------|
| Title | 環境污染物分析 | Serial No. / ID | 1191 / EVI2026 |
| Dept. | 環境工程學系 | School System / Class | 大學日間部3年2班 |
| Lecturer | 柯雅雯 | Full or Part-time | 專任 |
| Required / Credit | Required / 2 | Graduate Class | NO |
| Time / Place | (四)34 / H563 | Language | Chinese |

Introduction

This course is intended to introduce the principles and experimental procedures of Environmental Pollutant Analysis

Outline

- Chapter 1 Introduction and lab safety
- Chapter 2 SS、pH、transparence
- Chapter 3 DO、BOD
- Chapter 4 Analysis of Cr6+、COD
- Chapter 5 Analysis of Cl-、TKN
- Chapter 6 Analysis of SO42-、PO43-
- Chapter 7 Hardness and chloride of water
- Chapter 8 Analysis of NO3-、NO2-
- Chapter 9 QA/QC for Environmental measurements
- Chapter 10 Sampling and analysis of waste
- Chapter 11 Basic concepts of sampling and analysis for air pollutant Analysis
- Chapter 12 Environmental quality analysis
- Chapter 13 Pollutant Analysis of stationary sources
- Chapter 14 Continuous monitoring
- Chapter 15 Other techniques of air pollutant Analysis

Prerequisite

Chemistry and analytical chemistry